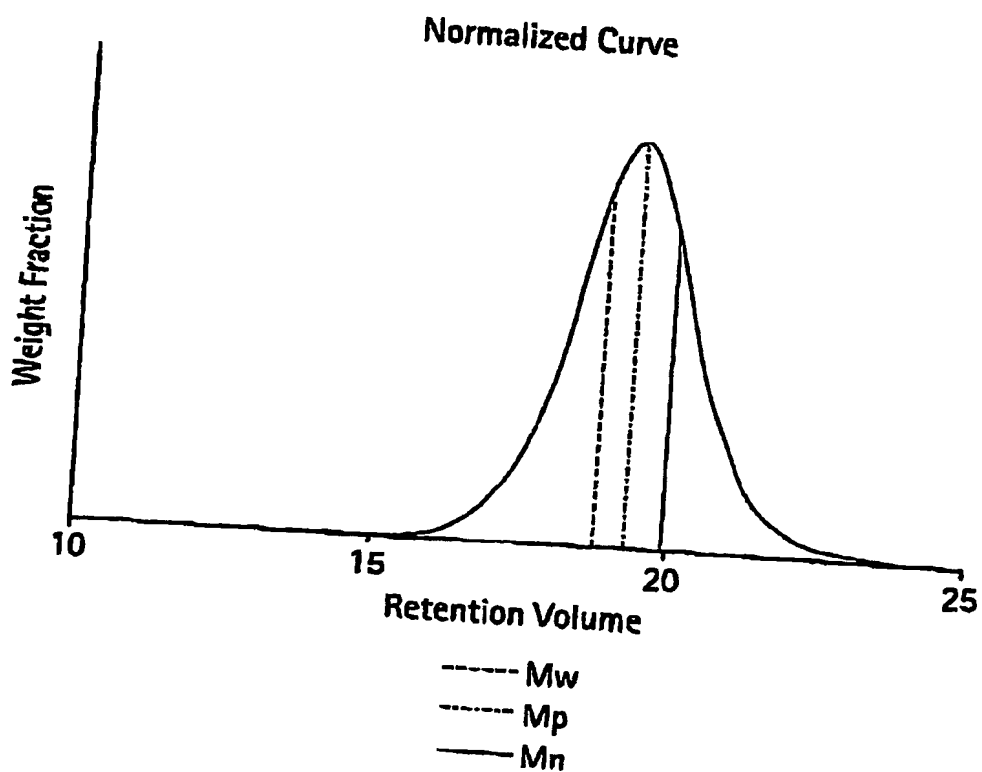


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FIG. 1

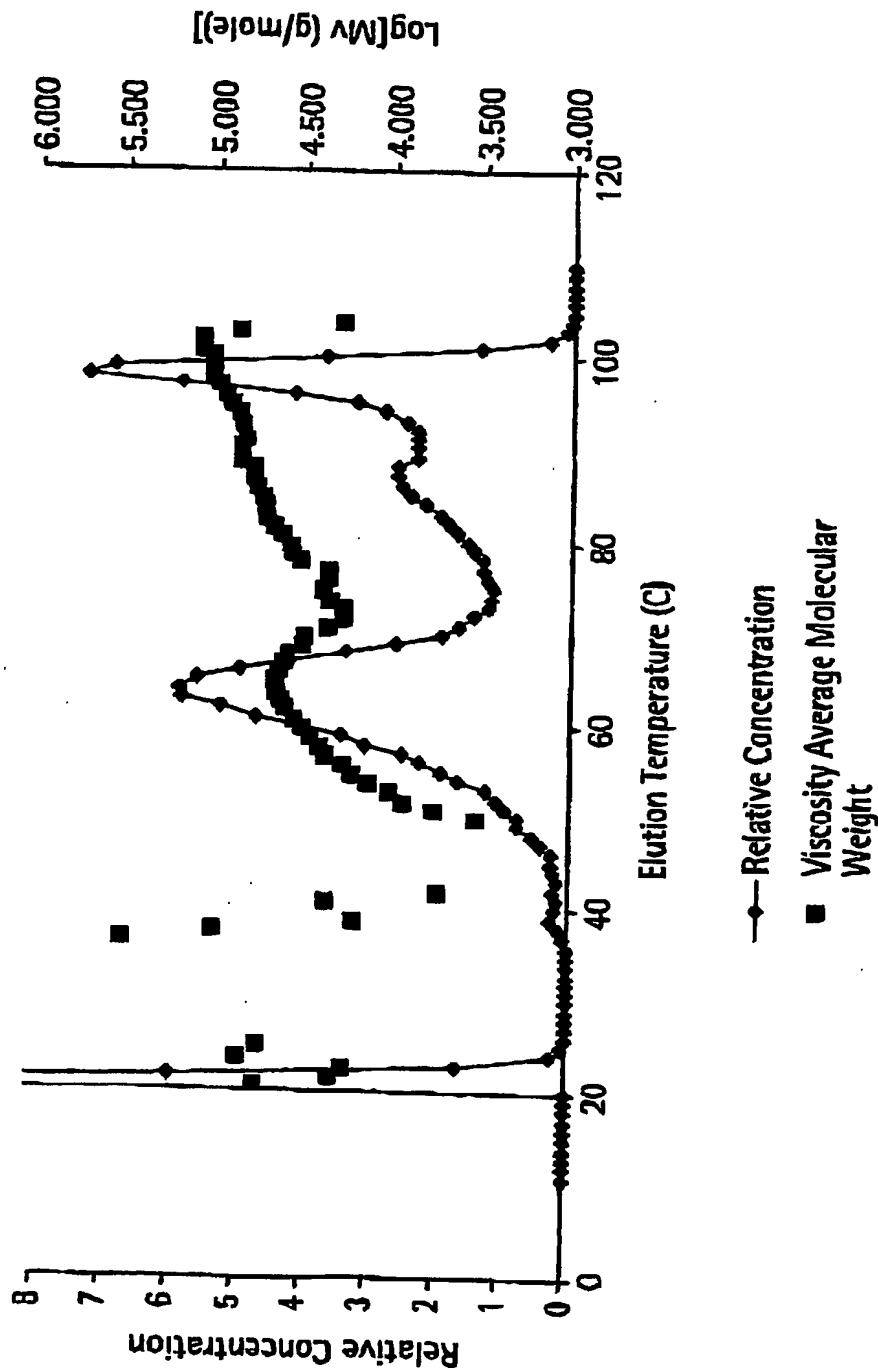


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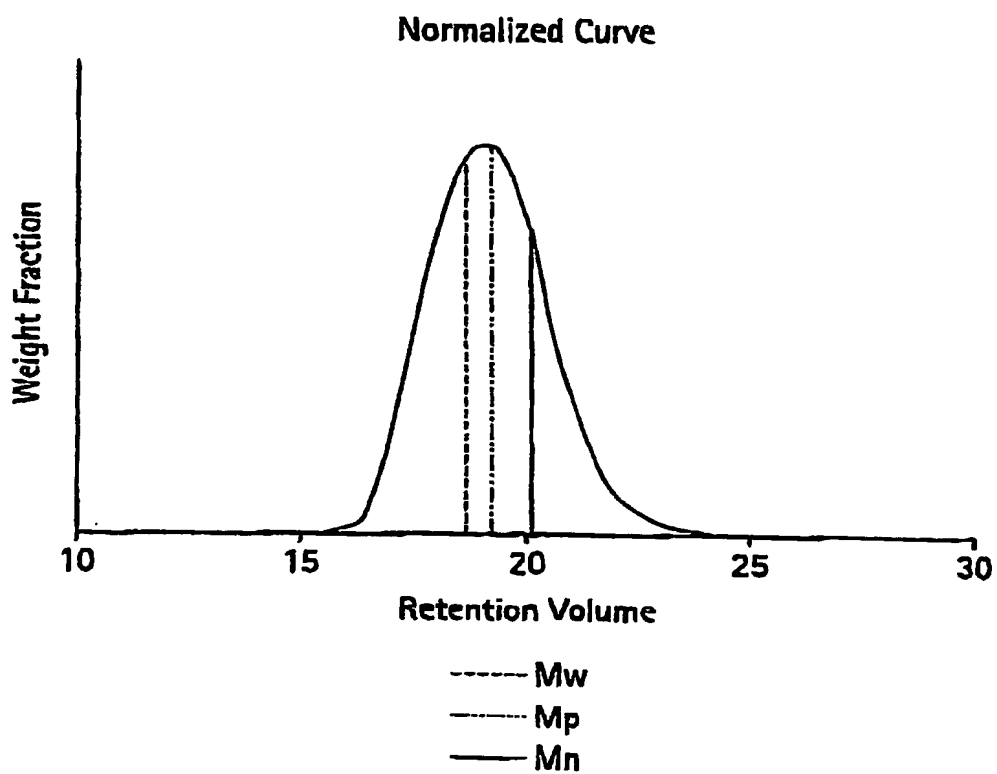
FIG. 2

ATREF-DV
Example 1



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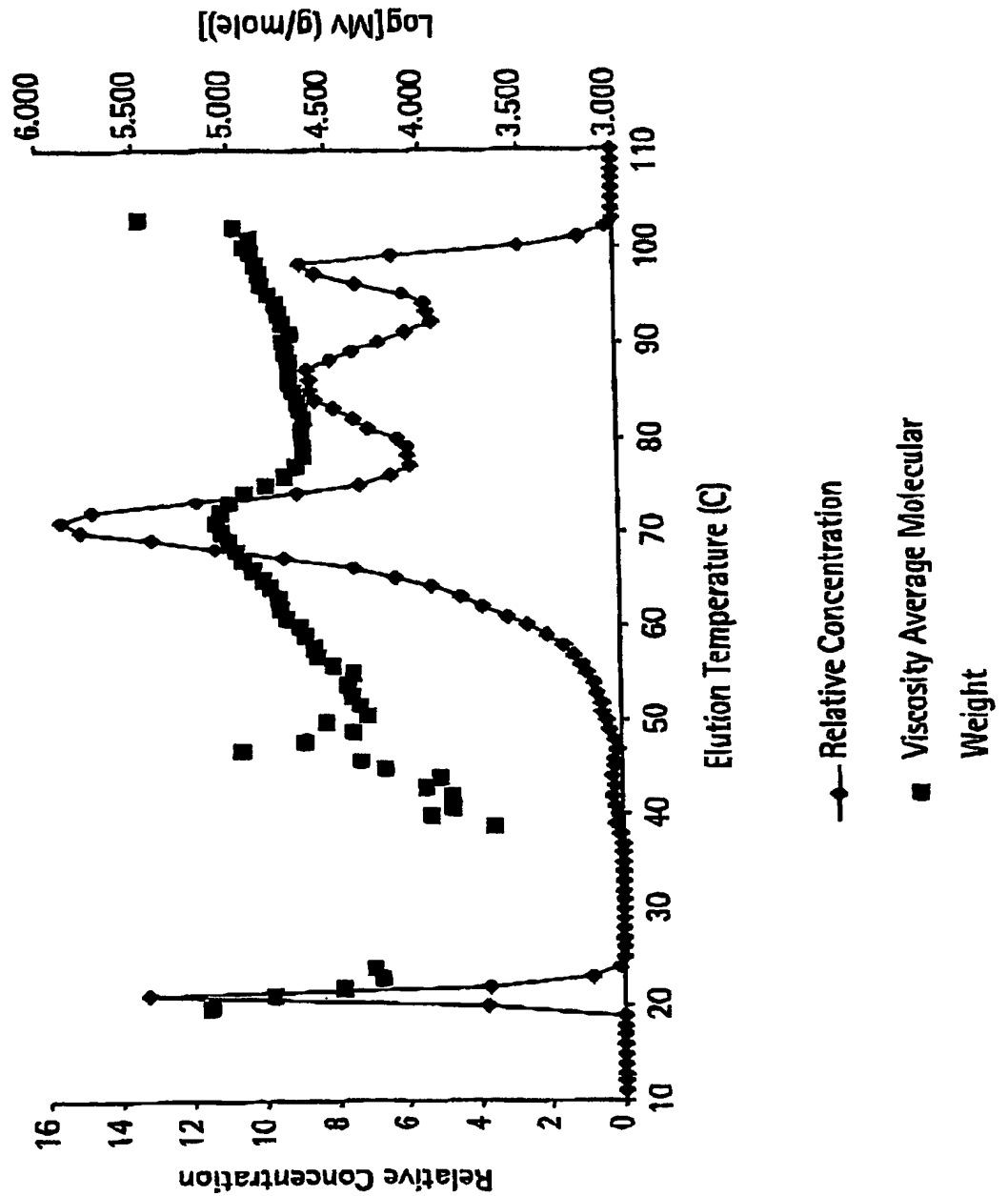
FIG. 3



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FIG. 4
ATREF-DV
Comparative Example 2

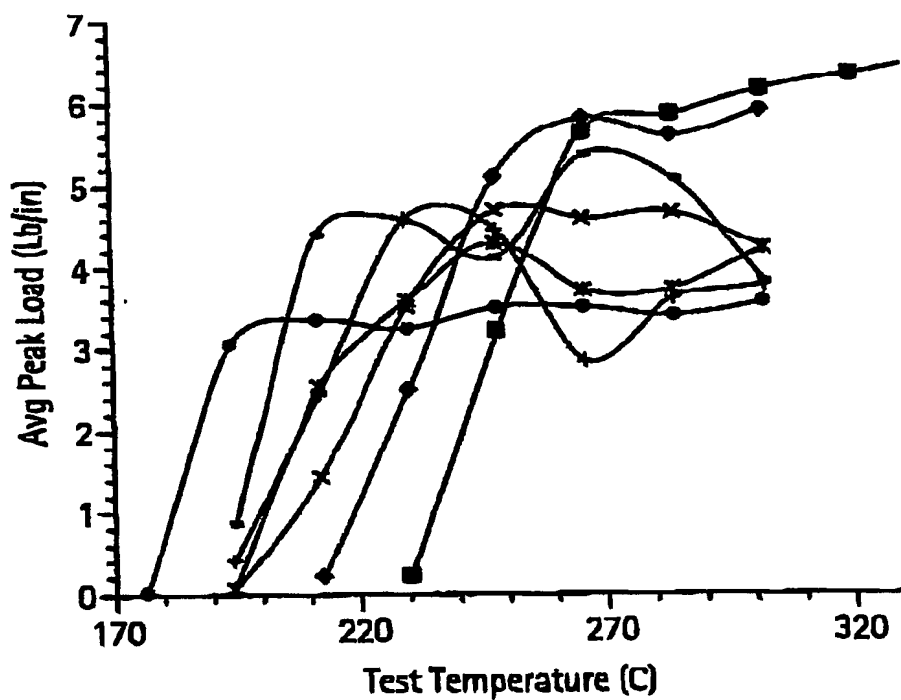


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FIG. 5

Heat Seal

0.5 mil Polymer A/1.0 mil 75% Polymer A + 25% Polymer C/1.0 mil Sealant



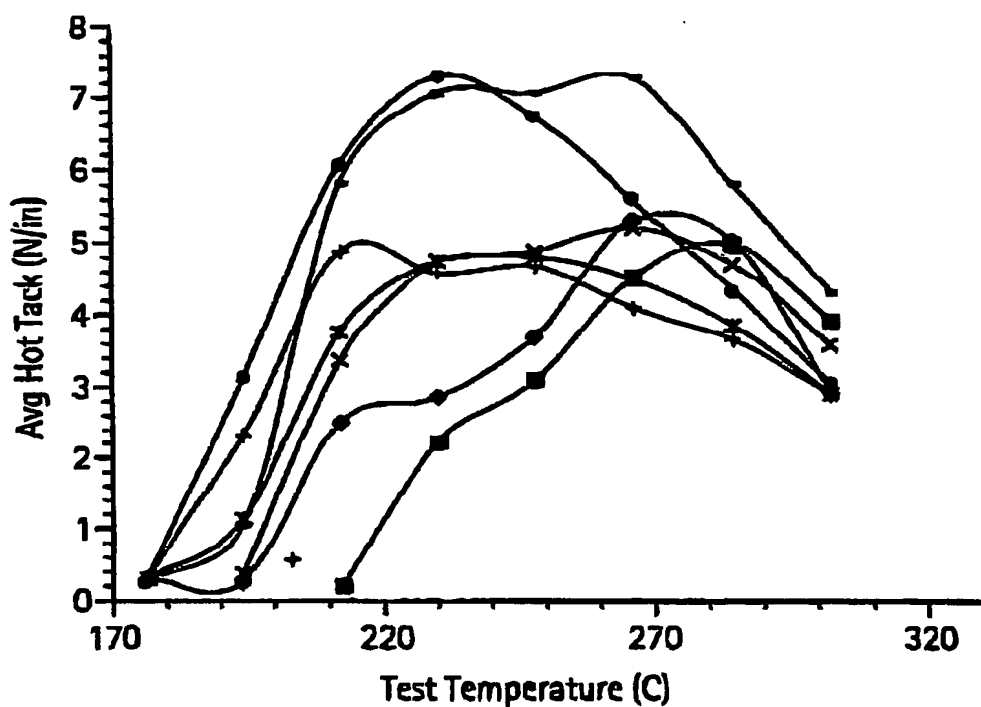
- ◆ Comparative Example 2
- Polymer A
- × 47% Polymer E + 53% Polymer D
- ✱ 57% Polymer F + 43% Polymer D
- Polymer E
- + Example 1
- EXCEED 1012CA

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FIG. 6

Hot Tack

0.5 mil Polymer A/1.0 mil 75% Polymer A + 25% Polymer C/1.0 mil Sealant

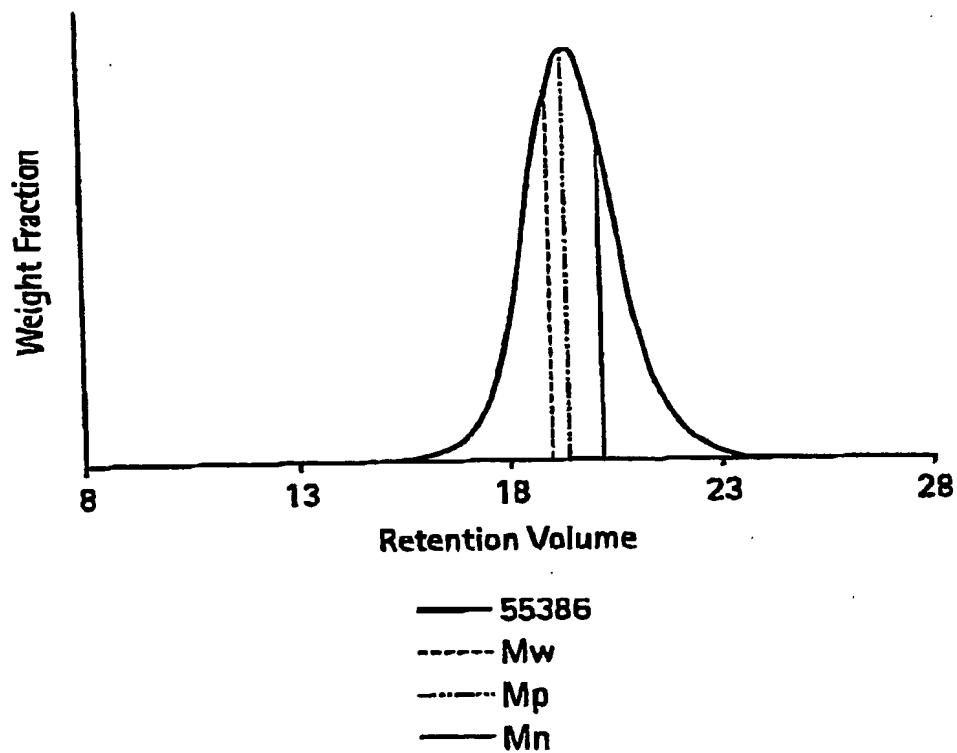


- Comparative Example 2
- Polymer A
- x— 47% Polymer E + 53% Polymer D
- +— 57% Polymer F + 43% Polymer D
- Polymer E
- +— Example 1
- EXCEED 1012CA

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FIG. 7

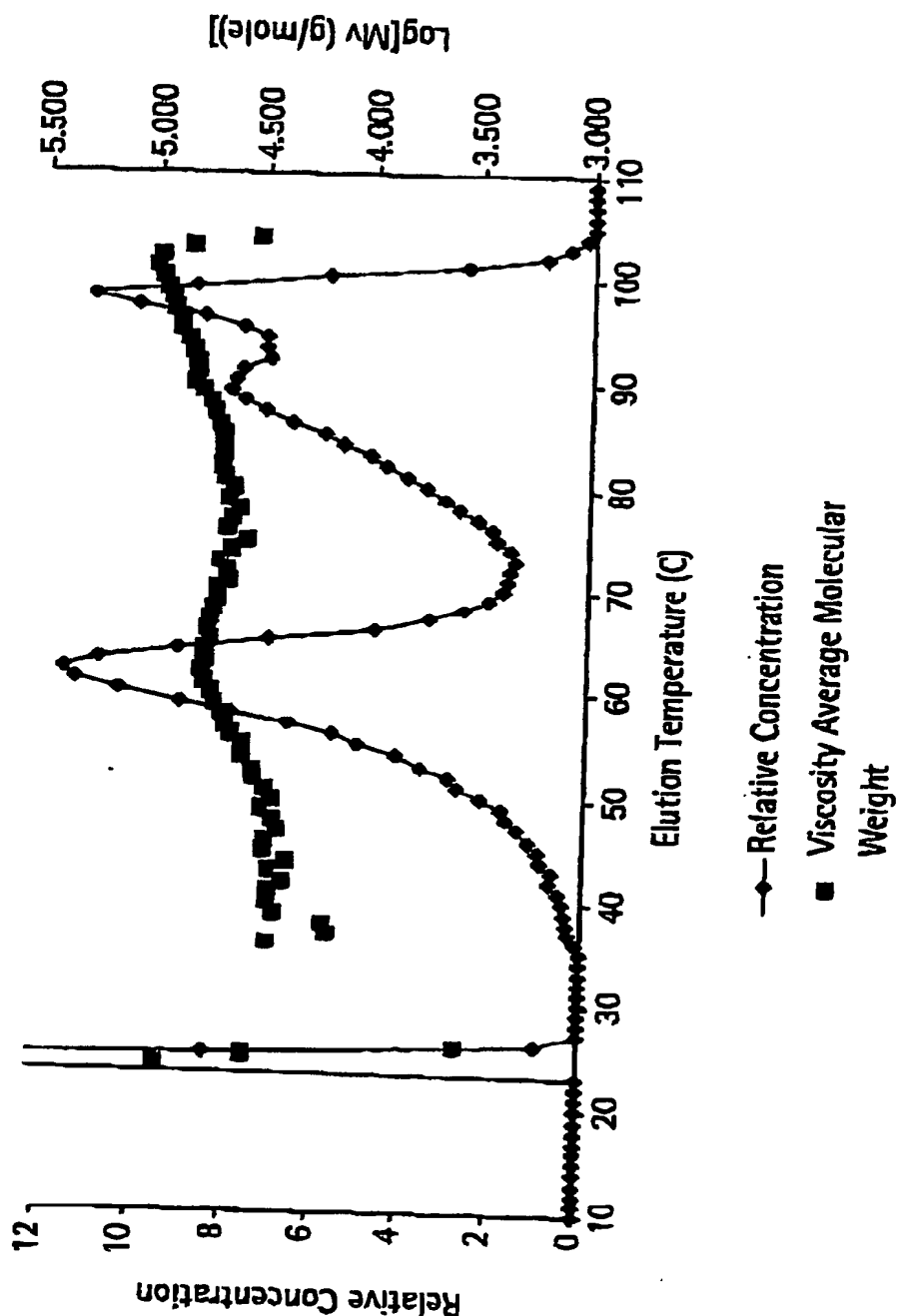
Normalized Curve



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FIG. 8

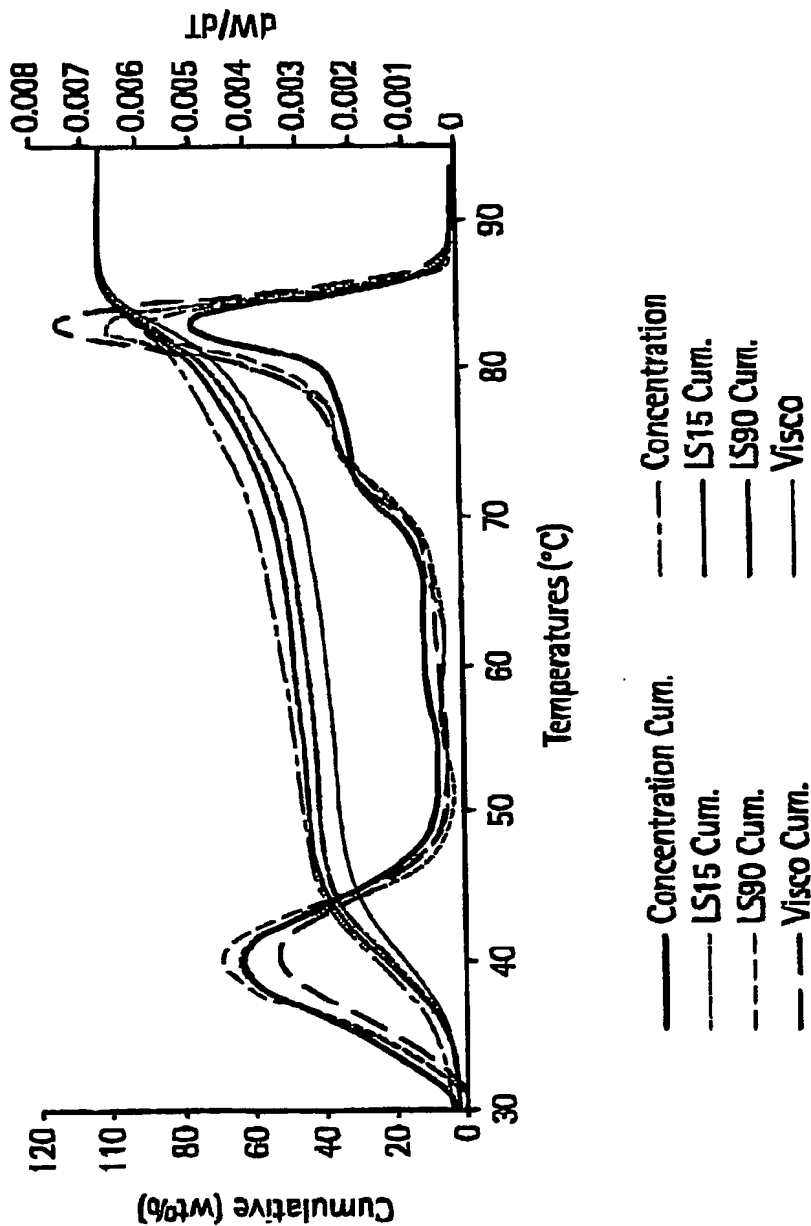
ATREF-DV
Example 2



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FIG. 9A

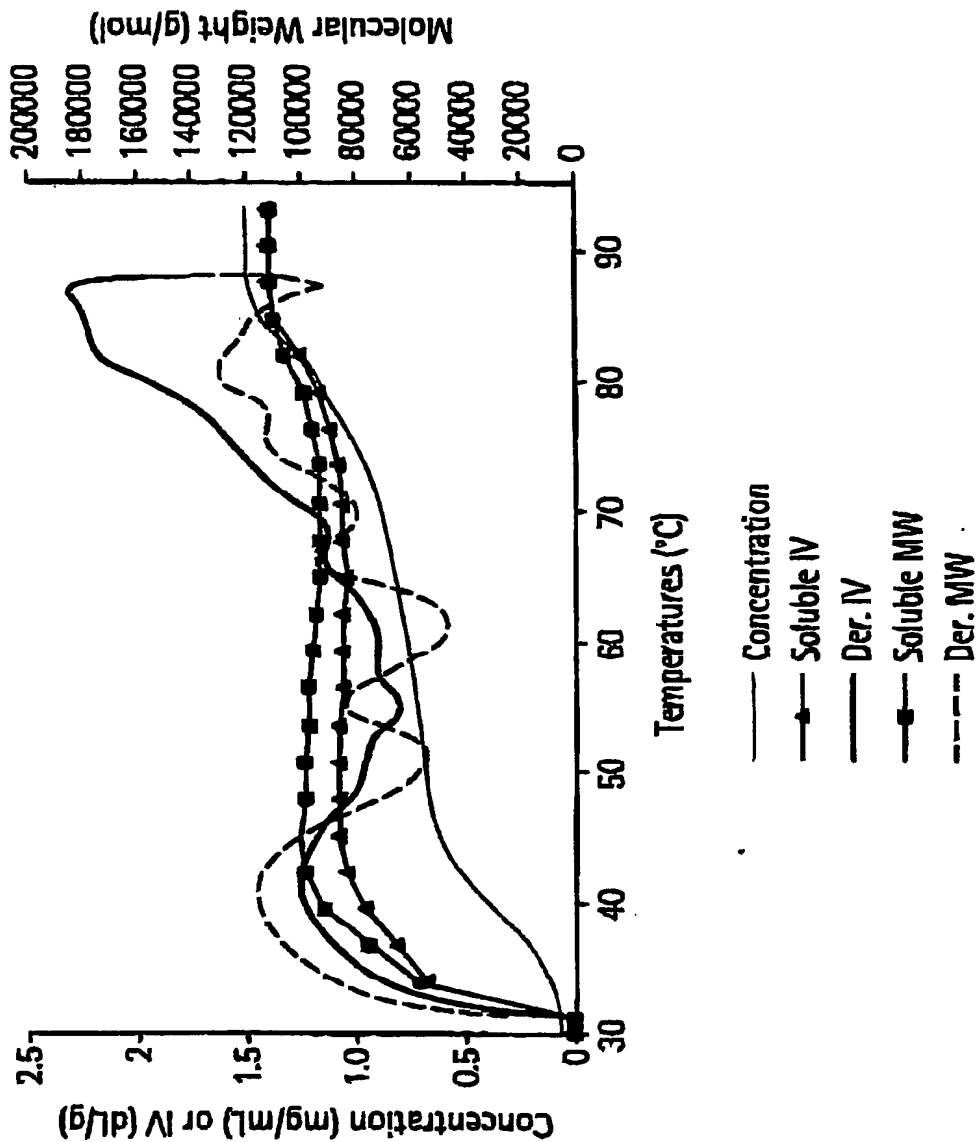
CRYSTAFIS-Multidetector Profile



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FIG. 9B

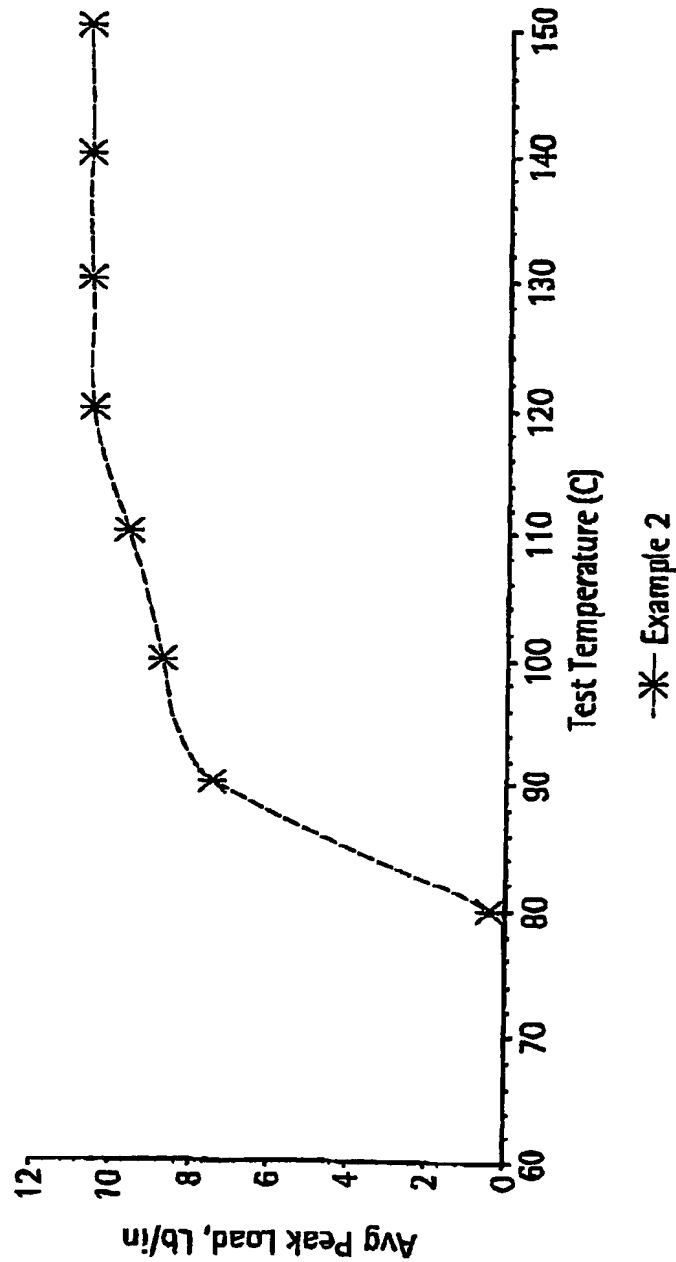
CRYSTAFS-Measured and Estimated MW/IV



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FIG. 10

Heat Seal Strength
1.0 mil Polymer G / 1.0 mil Polymer H / 1.5 mil Sealant



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FIG. 11

Hot Tack Strength
1.0 mil Polymer G / 1.0 mil Polymer H / 1.5 mil Sealant

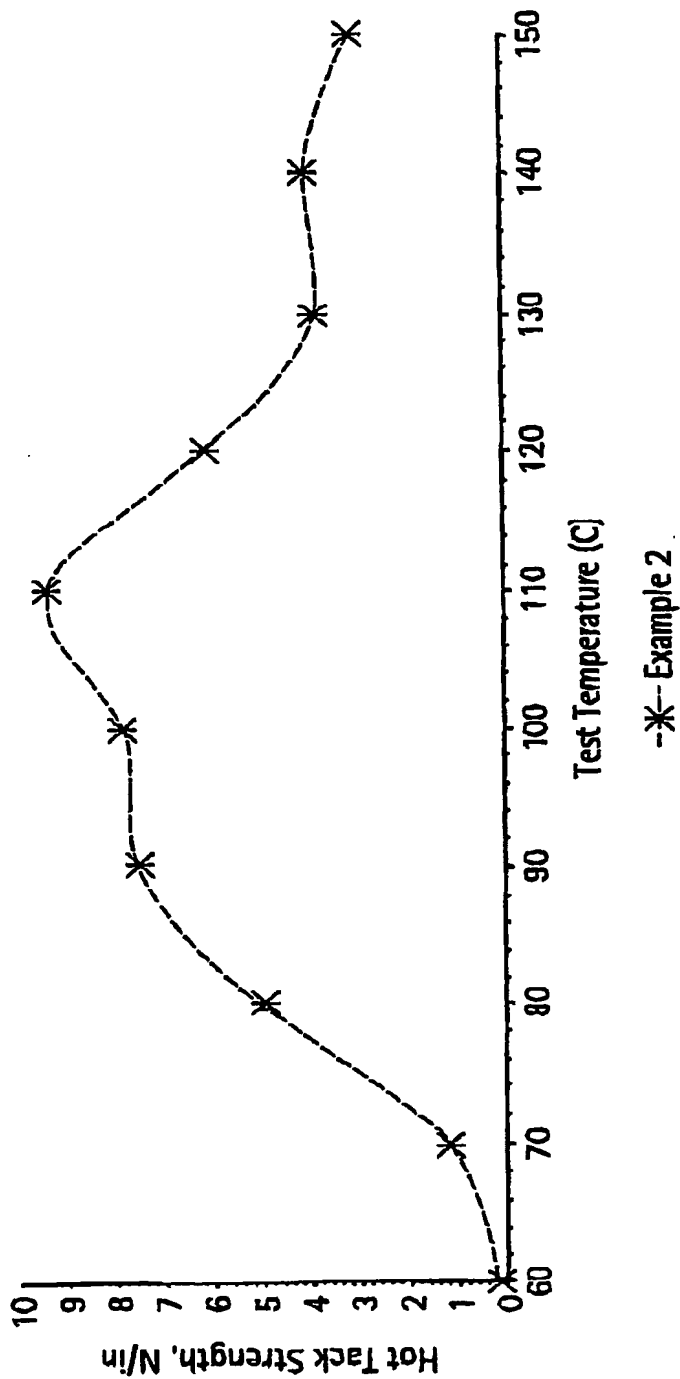
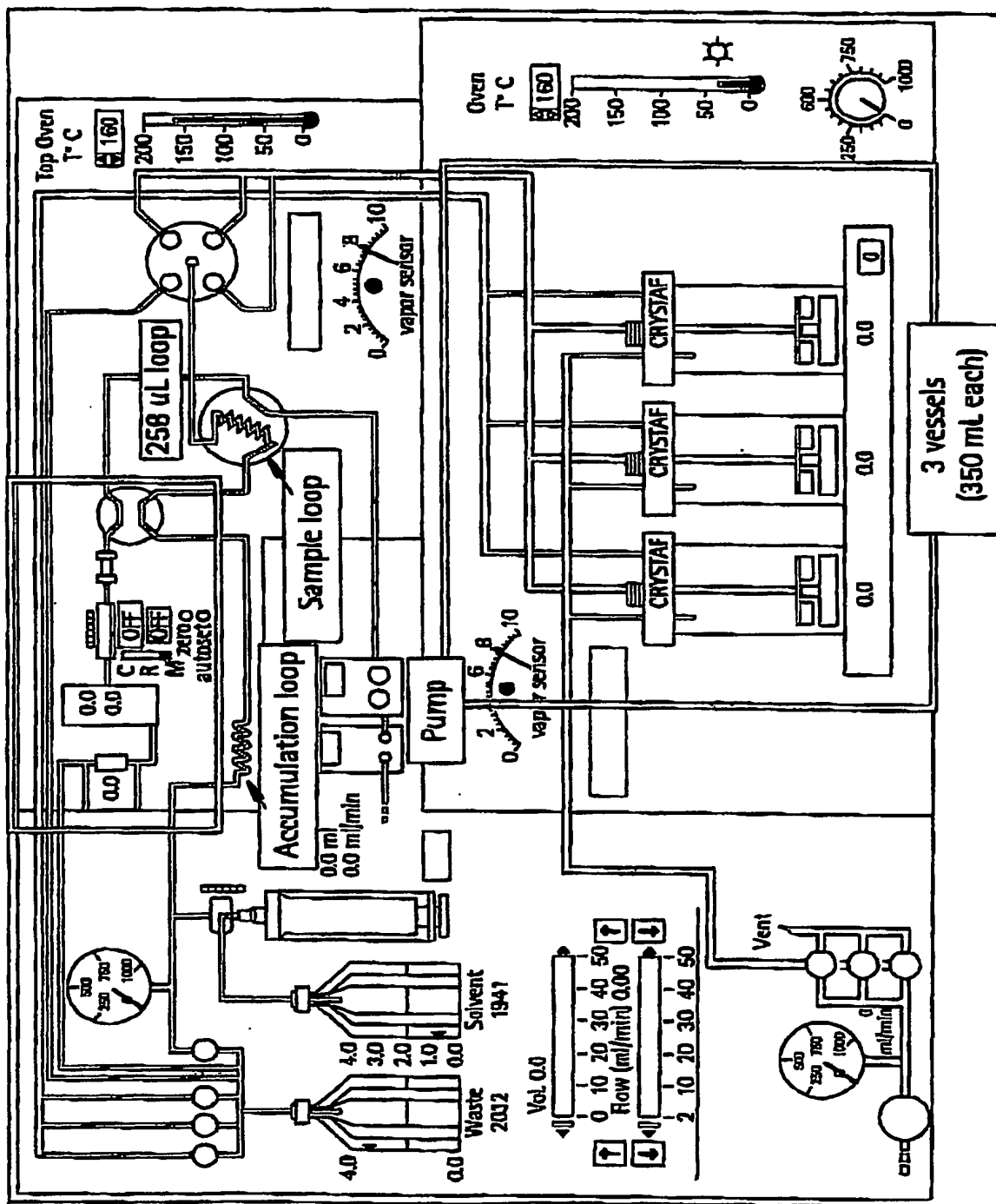
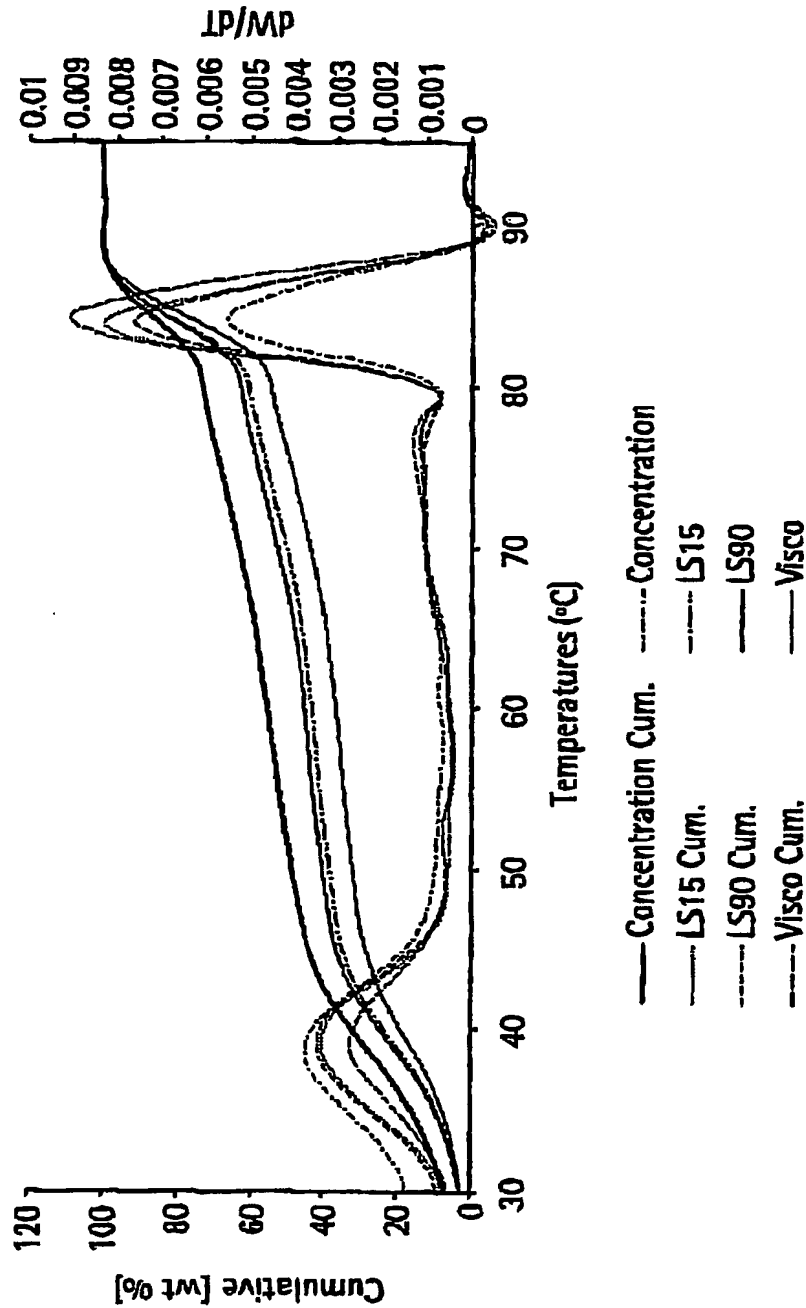


FIG. 12



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FIG. 13



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FIG. 14

